



Motor Oil SM 5W-40

Product Code: 76050

Fully Synthetic Passenger Car Motor Oil

Motor Oil SM 5W-40 is an universal high performance fuel saving oil based on 100% synthetic technology for use in gasoline- and diesel engines of passenger car and light vans with or without turbocharger. This product is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF).

Motor Oil SM 5W-40 is formulated with high quality synthetic base stocks in combination with an unique additive technology to achieve the following performance:

- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal- and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High viscosity index.

Motor Oil SM 5W-40 meets the following performance criteria:

Approved	MB-Approval 229.3	VW 502.00/505.00	
Meets	API SP Fiat 9.55535 M2 RN 0700/0710	ACEA A3/B4 Opel GM-LL-025-A BMW LL-01 until 2019	MB 226.5 Opel GM-LL-025-B

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	5W-40
Density @15°C	kg/m ³	ASTM D4052	852.3
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	86.6
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	14.3
Viscosity Index		ASTM D2270	172
HTHS viscosity @150°C	mPa.s	ASTM D4683	4.1
Viscosity CCS @-30°C	cP	ASTM D5293	6170
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	11.1
Sulphated Ash	%Wt	ASTM D874	1.3

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